

Notice of Allowability

Application No.

09/898,549

Examiner

Haresh Patel

Applicant(s)

KOVACS ET AL.

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/8/07.
2. ☒ The allowed claim(s) is/are 11-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

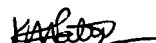
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>7/5/07</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |


Haresh Patel

EXAMINER'S AMENDMENT

1. Claims 11-20 are presented for examination. Claims 1-10 are cancelled.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Mr. Bradley D. Lytle on July 05, 2007.

Amendments to the Specification

4. At page 1, line 8 of the specification, please insert, --CROSS-REFERENCE TO RELATED APPLICATIONS: This application claims the priority of European Application No. 00 114 425.2 07/05/2000, under 35 U.S.C. 119.--

Amendments to the Claims

5. Please amend claim 11 as attached.

Priority

6. Applicant's claim for foreign priority, European Application No. 00 114 425.2 07/05/2000, under 35 U.S.C. 119(a)-(d) or (f), is acknowledged.

Allowable Subject Matter

7. Claims 11-20 are allowed.
8. The following is an examiner's statement of reasons for allowance:

Applicant's invention discloses a portal application and a method that provide access to a client through a network to a multimedia service provider utilizing a portal. The portal application not only includes a core service to perform administrative services and a user management core service to perform client services, but also includes multiple special services that are distributed over the network that are structured as per model-view-controller architecture. The special services are the services offered through the portal. At the entry page of the portal, a user is able to add or delete the special services on the fly and the special services include instant message broker service, instant message box or electronic content sales service (page 7, line 31- page 8, line 16 of the specification).

This novel invention provides portal service along with user management service, service management service and the special services. The management of services represents information in different kinds of mark-up languages (page 1, line 17 of the specification). A special service of the plurality of special services forwards a request from a client to a second special service of the plurality of special services when the second special service has more specific information than the special service that initially received the request from the client. Then a direct communication link is established between the client and the second special service to provide service by the second special service to the client. Each of the special services communicates with each other using a direct communication using their respective controller.

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The portal core service and the user management service are located at the portal, whereas the plurality of the special services is located at a multimedia service provider across the network.

The prior arts do teach well-known usage of portals that provide set of services over a network. The services provided by the portals enable users to access different services using the network. Different service portals also exist that provide services using variety of protocols and markup languages such as using wireless access protocols, Compact HTML, WAP, HDML etc, which store scripts, graphics and related objects stored together and handle free services and subscribed services individually with different type of devices requiring different markup languages (page 1, line 19 – page 2, line 12). The prior arts, i.e., Helgeson et al., 6,643,652, Gershman et al., 6,199,099 and Conner et al., 6,718,515 also disclose usage of the portal core service, the user management service, a plurality of special services and the model view controller architecture (as per the prosecution history). However, a novel way of utilizing a portal application and a multimedia service in a flexible and modular way such that the portal application is easily scaled up by dynamic installation and removal of additional services that are distributed over the network and structured as per the model-view-controller architecture, along forwarding of the request with support of different markup languages in which a mark-up language is separated from the logic of the service and common parts of the service are reusable in order to reduce the time to provide services to different type of devices (page 2 of the specification), is not disclosed in the prior arts. Therefore, the claims are allowable over the art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haresh Patel whose telephone number is (571) 272-3973. The examiner can normally be reached on Monday, Tuesday, Thursday and Friday from 10:00 am to 8:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn, can be reached at (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 Haresh Patel

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July 5, 2007

Claim 11 (Currently Amended): A portal application, embodied in a ~~tangible~~ computer storage ~~readable~~ medium, comprising instructions which when executed by a processor causes the processor~~[[]]~~ based device to provide access through a network from a client to a multimedia service provider via a portal, the portal application comprising instructions for:

- a portal core service to perform administrative services;

- a user management core service to perform client related services; and

- a plurality of special services distributed over the network, each of said special services structured according to a model-view-controller architecture, each of said special services comprising:

 - at least one model containing data;

 - a controller for the special service;

 - at least one view for a presentation of the data of a model to the client;

 - each of the plurality of special services communicates with each of a remaining plurality of special services using a direct communication, via the controller of the special service,

the portal core service and the user management core service are located at the portal and the plurality of special services are located at the multimedia service provider,

the portal core service and the user management core service are configured to forward a request from the client to a first special service of the special services,

the first special service is configured to forward the request from the client to a second special service of the plurality of special services when the second special service has more specific information than the first special service, and

a direct communication link is established between the client and the second special service to provide service to the client.